



W1: Information Does Exist Beyond the First Page of Your Google® Search!

American Academy of Forensic Sciences
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Case Examples 1

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Washington State Patrol



Question to Research

What are the effects of mouth alcohol on breathalyzer tests?

An Improved Forensic Science Information Search

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Article provided in
workshop materials

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Recap of resources and techniques





Google operators:

mouth alcohol

mouth AND alcohol

mouth OR alcohol

“mouth alcohol”

“mouth alcohol” ext:pdf

“mouth alcohol” ext:ppt

“mouth alcohol” -lawyers

“mouth alcohol” site:.gov or site:.edu

“mouth alcohol” site:nhtsa.gov



- To return specific file types:

ext:pdf **ext:ppt**

impaired driving ext:pdf

- To search specific types of websites:

site:.gov **site:.edu**

impaired driving site:nhtsa.gov



Using ext:pdf in Scholar will often retrieve different full-text articles than Google

Accessing Google Scholar Advanced Search



Hover or click mouse here

Articles (include patents) Case law

Advanced Scholar Search



Advanced Book Search

Find results

with **all** of the words

with the **exact phrase**

with **at least one** of the words

without the words

Search:

- All books Limited preview and full view Full view only Google eBooks only

Content:

- All content Books Magazines

You must search for “Google Books Advanced Search” to access it!

Google books **Advanced Book Search**

Find results with **all** of the words 10 results

with the **exact phrase**

with **at least one** of the words

without the words

Search: All books Limited preview and full view Full view only Google eBooks only

Content: All content Books Magazines

Language Return pages written in

Title Return books with the title
e.g. Books and Culture

Author Return books written by
e.g. Hamilton Mabie or "Hamilton Wright Mabie"

Publisher Return books published by
e.g. O'Reilly

Subject Return books on subject
e.g. Medieval History or "Medieval History"

Publication Date Return content published anytime and
 Return content published between and
e.g. 1999 and 2000, or Jan 1999 and Dec 2000

ISBN Return books with the ISBN
e.g. 0060930314

ISSN Return serials with the ISSN
e.g. 0161-7370

Using PubMed to determine keywords

The screenshot displays the PubMed website interface. At the top, the NCBI logo and navigation links for 'Resources' and 'How To' are visible. The user is logged in as 'jtbaum'. The main header includes the 'PubMed.gov' logo and the text 'US National Library of Medicine National Institutes of Health'. A search bar contains the text 'PubMed' and a dropdown menu is open, listing various search suggestions for the keyword 'fingerprint'. The suggestions include 'dna fingerprinting', 'magnetic resonance fingerprinting', 'fingerprinting', 'fingerprinting forensics', 'mass fingerprinting', 'dna fingerprint', 'dna fingerprinting forensics', 'mr fingerprinting', 'forensic dna fingerprinting', 'fingerprint', 'fingerprint analysis', 'peptide mass fingerprinting', 'latent fingerprint', 'fingerprinting review', 'hplc fingerprint', 'fingerprint forensic', 'latent fingerprints', 'fingerprints', 'fingerprints forensic', and 'dna fingerprinting review'. On the left side, there is a section titled 'Using PubMed' with links to 'PubMed Quick Start Guide', 'Full Text Articles', 'PubMed FAQs', and 'PubMed Tutorials'. Below this is a 'New and Noteworthy' section with an RSS icon. On the right side, there is a 'Search' button and a 'Help' link. A partial view of a search result is visible, showing a snippet about '23 summarizes discussion men for Alzheimer-related'.

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Using PubMed

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[New and Noteworthy](#)

fingerprint

dna fingerprinting

magnetic resonance fingerprinting

fingerprinting

fingerprinting forensics

mass fingerprinting

dna fingerprint

dna fingerprinting forensics

mr fingerprinting

forensic dna fingerprinting

fingerprint

fingerprint analysis

peptide mass fingerprinting

latent fingerprint

fingerprinting review

hplc fingerprint

fingerprint forensic

latent fingerprints

fingerprints

fingerprints forensic

dna fingerprinting review

Search

Help

23 summarizes discussion men for Alzheimer-related

Lessons Learned

- Publicly accessible databases and search engines can be incredibly useful
- Never rely on only one resource. Using multiple resources is essential to quality results
- Using search operators can dramatically improve your search results
- Spend time to learn about the advanced features and techniques for each resource
- Work to find the specific terminology used in the scientific literature. Using PubMed search box prompts can be useful.

Free to subscribe

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